For EPA Use Only ID# CUE 02 0004

Worksheet 6. Application Summary

This worksheet will be posted on the web to notify the public of requests for critical use exemptions beyond the 2005 phase out for methyl bromide. Therefore, this worksheet cannot be claimed as CBI.

1. **Name of Applicant:** Michigan solanaceous crop growers
2. **Location:** Michigan, USA
3. **Crop:** Solanaceous crops: including tomato, pepper, eggplant
4. **Pounds of Methyl Bromide Requested** 2005 115,408
5. **Area Treated with Methyl Bromide** 2005 2,687 acres units
6. **If methyl bromide is requested for additional years, reason for request:**

2006 113,230 lbs. **Area Treated** 2,636 acres units

2007 108,875 lbs. **Area Treated** 2,535 acres units

Place an "X" in the column(s) labeled "Not Technically Feasible" and/or "Not Economically Feasible" where appropriate. Use the "Reasons" column to describe why the potential alternative is not feasible.

Potential Alternatives	Not Technically Feasible	Not Economically Feasible	Reasons
1,3-Dichloropropene, Chloropicrin	X		Not effective.
1,3-D, Chloropicrin, Pebulate	X		Not effective.
1,3-D, Metam Sodium	X		Not effective.
Basamid	X		Not effective.
Basamid, Solarization	X		Not effective. Climate in Michigan, USA is too cold for solarization.
Metam Sodium	X		Not effective.
Metam Sodium, Crop Rotation	X		Not effective, pathogens long-lived.
Methyl Iodide	X		Not registered in USA.
Propargyl Bromide	X		Not registered in USA.
Biofumigation	X		Efficacy is not proven, requires solarization.
Solarization	X		Climate in Michigan, USA is too cold.
Solarization, Fungicides	X		Climate in Michigan, USA is too cold for solarization. Resistance has developed to registered fungicides.
Steam	X		Not technically feasible for large scale agriculture.
Biological Control	X		Efficacy is not proven.
Cover Crops, Mulching	X		Not effective; already used in commercial production.
Crop Residue Compost	X		Not tested against *Phytophthora capsici*, and efficacy can vary regionally.
Crop Rotation, Fallow	X		Not effective, pathogens long-lived, already used in commercial production.
Endophytes	X		Efficacy is not proven.
Flooding, Water Management	X		Flooding is not feasible, trickle and raised beds are used, but frequent heavy rains favor disease.
General IPM	X		Utilized by growers, but is not adequate for disease control.
Grafting, Resistant Rootstock, Plant Breeding	X		Resistant rootstock has not been identified. Would not be effective against root rot.
Organic Amendments, Compost	X		Not tested against *Phytophthora capsici*.
Planting Time	X		Not effective, *Phytophthora capsici* is a problem year-round.
Plowing and Tillage	X		Not tested against *Phytophthora capsici*.
Resistant Cultivars	X		Resistant varieties have not been identified.
Soilless Culture	X		Volcanic ash, rockwool are not viable alternatives for large-scale production in Michigan, USA.
Substrates, Plug Plants	X		Primary pathogens are not disseminated on seed or transplants.